APPLIED MATHEMATICS AND COMPUTATION

VOLUME 51

H. D. Voulov and D. D. Bainov
Asymptotic Stability for a Homogeneous Singularly Perturbed System of Differential Equations with Unbounded Delay 1

Michal Kočvara
An Algebraic Study of a Local Multigrid Method for Variational Problems 17

S. Sivaloganathan
A Finite-Element, Parameter Stepping Solution Procedure for the Steady-State Boussinesq Equations 43

R. Kalaba and F. Udwadia
On Constrained Motion 85

Yau Shu Wong and Xingzhi Ji
On Shooting Algorithm for Sturm-Liouville Eigenvalue Problems with Periodic and Semi-Periodic Boundary Conditions 87

D. Trigiante and K. N. Murty
On Best Least Square Solutions of Two-Point Boundary Value Problems via Modified Gram-Schmidt Process 105

S. R. Grace and B. S. Lalli
Oscillation Theorems for Second Order Neutral Functional Differential Equations 119

Bill Semper
A Note on the Computation of the Outflow Derivative for Singular Perturbation Problems 135

Charles W. Wampler
Bezout Number Calculations for Multi-Homogeneous Polynomial Systems 143

David A. Cicci
Applications of the Householder Transformation to Ridge-Type Estimation Methods 159

A. T. Chronopoulos and Z. Zlatev
Iterative Methods for Nonlinear Operator Equations 167

William M. Chan and Joseph L. Steger
Enhancements of a Three-Dimensional Hyperbolic
Grid Generation Scheme 181

Alexander P. Morgan and Andrew J. Sommese
Errata: Coefficient-Parameter Polynomial Continuation 207

Alexander P. Morgan and Andrew J. Sommese
Errata: Computing All Solutions to Polynomial Systems
using Homotopy Continuation 209